109	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.)complete as per specifications and directions of the Engineer in charge. 25mm dia, 2mm thick	Mtr	119.00	0.00	65.45	0.00	0.00	65.45	0.00	0.00	0.00	
110	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.)complete as per specifications and directions of the Engineer in charge. 32mm dia, 2mm thickk	Mtr	93.00	0.00	92.40	0.00	0.00	92.40	0.00	0.00	0.00	
111	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. complete as per specifications and directions of the Engineer in charge. 19/20mm dia, 2mm thick	Rmt	58.85	0.00	51.01	0.00	0.00	51.01	0.00	0.00	0.00	
112	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. complete as per specifications and directions of the Engineer in charge.25mm dia, 2mm thick)	Rmt	59.85	0.00	53.90	0.00	0.00	53.90	0.00	0.00	0.00	
113	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. complete as per specifications and directions of the Engineer in charge. 32mm dia, 2mm thick	Rmt	78.85	0.00	81.81	0.00	0.00	81.81	0.00	0.00	0.00	
114	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet gand box the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet.Short point upto 3m complete as per specifications and directions of the Engineer in charge	Point	15.00	0.00	202.13	0.00	0.00	202.13	0.00	0.00	0.00	

115	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet.Medium point above 3m - 6m .complete as per specifications and directions of the Engineer in charge	Point	10.00	0.00	277.20	0.00	0.00	277.20	0.00	0.00	0.00	
116	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary .25mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	37.80	0.00	52.94	0.00	0.00	52.94	0.00	0.00	0.00	
117	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary .32mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	49.84	0.00	83.74	0.00	0.00	83.74	0.00	0.00	0.00	
118	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.19/20mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	24.96	0.00	40.43	0.00	0.00	40.43	0.00	0.00	0.00	
119	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.25mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	47.44	0.00	52.94	0.00	0.00	52.94	0.00	0.00	0.00	
120	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates the box should be firmil flush mounted after due groove cutting in brick /stone/C C wall .1 - 3 Way complete as per specifications and directions of the Engineer in charge	Each	8.00	0.00	96.25	0.00	0.00	96.25	0.00	0.00	0.00	

121	Supplying and flush modular powder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall .4 - 5 Way.complete as per specifications and directions of the Engineer in charge.	Each	8.00	0.00	105.88	0.00	0.00	105.88	0.00	0.00	0.00	
122	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654.6AMP 3/5 and Switch.complete as per specifications and directions of the Engineer in charge.	Each	6.00	0.00	132.83	0.00	0.00	132.83	0.00	0.00	0.00	
123	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854.16Amps Combined switch and socket with indication.complete as per specifications and directions of the Engineer in charge.	No	25.00	0.00	195.39	0.00	0.00	195.39	0.00	0.00	0.00	
124	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854.Electronic stepped regulator. complete as per specifications and directions of the Engineer in charge.	Nos	8.00	0.00	212.71	0.00	0.00	212.71	0.00	0.00	0.00	
125	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements.2.5sqmm. complete as per specifications and directions of the Engineer in charge.	Mtr	45.30	0.00	31.76	0.00	0.00	31.76	0.00	0.00	0.00	
126	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements.4sqmm. complete as per specifications and directions of the Engineer in charge.	Mtr	205.40	0.00	45.24	0.00	0.00	45.24	0.00	0.00	0.00	
127	Supplying and fixing Metal Fan Box with Round Hook complete as per specifications and directions of the Engineer in charge.	Nos	4.00	0.00	86.63	0.00	0.00	86.63	0.00	0.00	0.00	
128	Supplying and fixing of regular MCB distribution boards on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB'S single phase/ 3 phase / single door with powder coated painting made out of SWG MS enclosute.12 way SP & N.complete as per specifications and directions of the Engineer in charge.	Each	5.00	0.00	1222.38	0.00	0.00	1222.38	0.00	0.00	0.00	
129	Supply and fixing miniature circuit breakers on the existing MCB distribution boards using necessary fixing meterials and "C" type curve, Indiator ON OFF energy cross -3 with as required confirming to IEC 60898.6-32 AMPS DP complete as per specifications and directions of the Engineer in charge.	Each	15.00	0.00	919.19	0.00	0.00	919.19	0.00	0.00	0.00	

130	Supplying, fixing and wiring earth electrode for grounding conduits , I.C. cutouts and others equipments on the meter board using 40mm dia 2.90mm long buried in a pit.. the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit ect, is to be established through GI wire of size as ISI specification 7.3.3 of IS 732 using 12mm dia bolt, nut, washers and check nuts ect... the pipe shall have 16 through holes of 122mm dia, ..complete as per specifications and directions of the Engineer in charge.	No	1.00	0.00	3031.88	0.00	0.00	3031.88	0.00	0.00	0.00	
131	Supplying and running of GI/ copper strips for grounding connections, using necessary fixing materials as required.25 x 3mm G.I strip.complete as per specifications and directions of the Engineer in charge.	Rm	91.56	0.00	75.08	0.00	0.00	75.08	0.00	0.00	0.00	
132	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting.complete as per specifications and directions of the Engineer in charge.	Nos	85.00	0.00	303.19	0.00	0.00	303.19	0.00	0.00	0.00	
133	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system .complete as per specifications and directions of the Engineer in charge.48" sweep (1200mm)	Each	4.00	0.00	2112.69	0.00	0.00	2112.69	0.00	0.00	0.00	
134	Supply Exhaust fan if 1440 RPM of (12") size with dracket blades complete for light duty suitable to -oerate on 230V 50Hz, supply complete as per specifications and directions of the Engineer in charge	Each	4.00	0.00	1212.75	0.00	0.00	1212.75	0.00	0.00	0.00	
135	Fabricating supplying and mounting MS box made out ...SWG suitable for floor I wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete . 14SWG	Sq.cms	1.00	0.00	25265.63	0.00	0.00	25265.63	0.00	0.00	0.00	
136	Supplying .....amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenoliciFRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 1000Amps 4x75x10mm Alluminium Strips complete as per specifications and directions of the Engineer in charge	Mtr	2.00	0.00	4884.69	0.00	0.00	4884.69	0.00	0.00	0.00	

137	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint. 75x75x6mm.complete as per specifications and directions of the Engineer in charge	Mtr	4.00	0.00	481.25	0.00	0.00	481.25	0.00	0.00	0.00	
138	Supplying and fixing angle iron frame work iabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint. 75x150x50x6mm C channel.complete as per specifications and directions of the Engineer in charge	Mtr	4.00	0.00	654.50	0.00	0.00	654.50	0.00	0.00	0.00	
139	Supplying and Fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete, protection of Overload and Short circuit with thermal Magnetic/Microprocessed release and Earth Fault as per IS-13947.63/100Amps 25kA.complete as per specifications and directions of the Engineer in charge	Each	1.00	0.00	5871.25	0.00	0.00	5871.25	0.00	0.00	0.00	
140	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' cure, indicator ON/OFF, energy cross-3 with Short circuit breaking cappacity of 10K and complete wiring as required. Confirming to IEC 60898. 40-63Amps TPN.complete as per specifications and directions of the Engineer in charge	Each	8.00	0.00	1956.76	0.00	0.00	1956.76	0.00	0.00	0.00	
141	Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5accuracy as per IS 14697 and completely wired.complete as per specifications and directions of the Engineer in charge	Each	8.00	0.00	3818.24	0.00	0.00	3818.24	0.00	0.00	0.00	
142	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.complete as per specifications and directions of the Engineer in charge	Each	1.00	0.00	447.56	0.00	0.00	447.56	0.00	0.00	0.00	
143	Supplying, fixing and wiring 50/5 to 1000/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound .complete as per specifications and directions of the Engineer in charge	Each	1.00	0.00	727.65	0.00	0.00	727.65	0.00	0.00	0.00	
144	Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately complete as per specifications. MORTH Specification No. 202.complete as per specifications and directions of the Engineer in charge	m	85.00	0.00	141.49	0.00	0.00	141.49	0.00	0.00	0.00	
145	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20 MORTH Specification No. 20.complete as per specifications and directions of the Engineer in charge	Cum	18.28	0.00	487.99	0.00	0.00	487.99	0.00	0.00	0.00	

146	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	217.80	0.00	399.44	0.00	0.00	399.44	0.00	0.00	0.00	
147	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of the Engineer in charge.	Cum	2.70	0.00	2601.64	0.00	0.00	2601.64	0.00	0.00	0.00	
148	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and directions of the Engineer in charge.	Cum	35.64	0.00	5479.51	0.00	0.00	5479.51	0.00	0.00	0.00	
149	Providing two line dressing to granite stone slab / granite stone masonry as per specifications and directions of the Engineer in charge.	Sqm	62.40	0.00	1601.60	0.00	0.00	1601.60	0.00	0.00	0.00	
150	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and directions of the Engineer in charge.	Cum	27.63	0.00	5808.69	0.00	0.00	5808.69	0.00	0.00	0.00	
151	Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305. complete as per specifications and directions of the Engineer in charge.	Cum	129.60	0.00	348.43	0.00	0.00	348.43	0.00	0.00	0.00	
152	Executive Bench- Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90x Length 1500 width 45 cms (Data approved rate)	Each	10.00	0.00	18393.38	0.00	0.00	18393.38	0.00	0.00	0.00	
153	Supplying of dustbin for collection of dry and wet waste for segregation. (Fiber dustbin Modern Type 3.0-3.75 Ft) inclusive of all taxes and transportation charges as per the direction of Engineer in Charge (Data approved rate)	Each	4.00	0.00	18191.25	0.00	0.00	18191.25	0.00	0.00	0.00	

EIRL-1	KSRB15-3:Providing 20mm thick cement plaster in single coat with cement mortar, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering ,including providing and removing scaffolding ,cost of materials ,labour,curing etc complete as per specificatio.KSRB15-3.12 do-cement mortar 1:6	Sqm			622.22	277.06	172392.27		277.06			172392.27	
EIRL-2	Earthwork excavation in all soil deposits and filling sides of foundatiaon upto plinth in layers not exceeding 20cms ,in depth compacting each deposits layer by ramming after watering with all lead and lift including cost of all labour complete as per specification	cum			751.70	439.59	330439.80		439.59			330439.80	
EIRL-3	Fabricating, providing and erecting in poiston of M.S. Ornamental security Grill Gate without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at.the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for square bars of full height and at 8cms C / C for bottom rods providing ornamental C I Designers at the bottom and CI arrows in the midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drilling holes, the work includes providing two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion fo the work as per specification and drawings	Kg			1920.00	142.56	273715.20		142.56			273715.20	
						Sub Total	**59965196.91**			**15913081.98**		**75878278.89**	
						Add towards GST 12%	**5254734.67**			**1909569.84**		**7164304.51**	
						Grand Total	**65219931.58**			**17822651.82**		**83042583.39**	

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